CONTENTS

Preface xi

Welcome address
P. Kienle xxiii

PLENARY SESSIONS

Nuclear Physics at its Frontiers (Chairperson: R. Ricci)
Broken symmetries and the physical vacuum
T.D. Lee 3c
Recent developments in neutrino physics
R.L. Mössbauer 15c
Ultra-relativistic heavy-ion collisions: Searching for the quark–gluon plasma
J. Schukraft 31c

Hadrons and Quarks (Chairperson: G.E. Brown)
Lattice QCD and nuclear physics
J.W. Negele 47c
Nuclear aspects of chiral symmetry
W. Weise 59c
The quark–gluon plasma
J.-P. Blaizot 73c

Nuclei at the Limits of Stability (Chairperson: F. Ajzenberg-Selove)
Nuclear structure at the drip lines
P.G. Hansen 89c
Superdeformation and high spin states
P.J. Nolan 107c

Properties of Hot and Highly Excited Nuclei (Chairperson: S.T. Belyaev)
Chaotic versus regular dynamics in nuclei
V.G. Zelevinsky 125c
Hot rotating nuclei
Y. Alhassid 137c
The giant dipole resonance at high excitation energy and spin
K.A. Snover 153c

Phase Transitions of Nuclear Matter and the Nuclear Equation of State (Chairperson: N. Glendenning)
Multifragmentation
D.H.E. Gross 175c
Ground states of nuclei and neutron stars
V.R. Pandharipande 191c

Mesons and Baryons in Nuclei (Chairperson: V. Vento)
Λ's in nuclei and their decay
M. Roy-Stéphan 209c
Exotic states of hadronic atoms
T. Yamazaki 221c

New Facilities and their Physics Programs (Chairperson: H. Grunder)
CW electron accelerators and their physics program
Th. Walcher 235c

Nuclear Reactions at Low and Intermediate Energies (Chairperson: Sun Zuxun)
Neutron emission as a clock and thermometer to probe the dynamics of fusion–fission and quasi-fission
D.J. Hinde 255c
Multi-fragment events as a probe of nuclear disassembly
C.A. Ogilvie, J.C. Adloff, M. Begemann-Blaich, P. Bouissou, J. Hubele, G. Imme, I. Iori, P. Kreutz, G.J. Kunde, S. Leray, V. Lindenstruth, Z. Liu, U. Lynen, R.J. Meijer, U. Milkau, A. Moroni, W.F.J. Müller, C. Ngô, J. Pochodzalla, G. Raciti, G. Rudolf, H. Sann, A. Schüttauf, W. Seidel, L. Stuttgé, W. Trautmann and A. Tucholski 271c
Near-threshold particle production in heavy ion collisions
V. Metag 283c

Nuclear Structure: Fundamental Aspects of β-decay (Chairperson: W. Henning)
Quasi-elastic electron scattering off nuclei
L. Lapikás 297c
First observation of bound-state β^- decay
M. Jung, F. Bosch, K. Beckert, H. Eickhoff, B. Franzke, A. Gruber, P. Kienle, O. Klepper, W. Koenig, C. Kozhuharov, R. Mann, R. Moshammer, F. Nolden, U. Schaaf, G. Soff, P. Spädtke, M. Steck, Th. Stöhlker and K. Sümmerer 309c
A new upper limit of the electron antineutrino rest mass from tritium β-decay
H. Backe, H. Barth, J. Bonn, B. Degen, Th. Edling, L. Fleischmann, J.U. Grooss, A. Hermanni, G. Kube, P. Leiderer, Th. Loeken, A. Molz, R.B. Moore, A. Osipowicz, E.W. Otten, A. Picard, M. Przyrembel, M. Schrader, M. Steininger and Ch. Weinheimer 313c

Fundamental Studies in Nuclear Physics (Chairperson: J. Deutsch)
Parity and time reversal violation tests in nuclear β-decay
P. Quin 319c

New Facilities and Applications (Chairperson: G.C. Morrison)
Atomic physics with cooled heavy ions
D. Habs 337c
Cancer therapy with ions
P. Mandrillon 349c
Radioactive beam facilities and their physics program
I. Tanihata 361c

Nuclear Physics in Other Research Fields (Chairperson: H.J. Specht)
Inertial fusion: A contribution of accelerator technology to the energy problem?
C. Rubbia 375c
Nuclear astrophysics
W.C. Haxton 397c

Evening Talk (Chairperson: P. Kienle)
Physics in a changing world
H. Schopper 409c

Closing Session (Chairperson: H. Feshbach)
Trends in nuclear physics
A. Richter 417c

PARALLEL SESSIONS

Nuclear Structure (Chairpersons: B. Jonson, P. Paul, J.F. Sharpey-Schafer, R. Kulessa)
Nuclear structure experiments on ^{11}Li
T. Kobayashi 465c
Mass-measurements of exotic nuclei
W. Mittig 473c
Proton-rich sd-shell nuclei for astrophysical interest
S. Kubono, T. Kajino and S. Kato 481c
The discovery of new proton emitters at the limit of nuclear stability
P.J. Woods, T. Davinson, N.J. Davis, S. Hofmann, A.N. James, K. Livingston, R.D. Page, P.J. Sellin and A.C. Shotter 485c
Synthesis and identification of new heavy nuclides far off stability
L. Zhang, S.-G. Yuan, G.-M. Jin, T.-M. Zhang, J.-H. Zhao, Q.-Y. Pan, W.-F. Yang, X.-Q. Zhang, X.-F. Yang, S.-W. Xu, Z.-Z. Zhao, J.-W. Zheng, X.-F. Sun, W.-X. Li, Y.-X. Luo and B.-W. Wei 489c
Multi phonon excitation of giant dipole resonances
H. Emling 493c

Fluctuations and critical temperature in the study of collective motion in excited nuclei
P.F. Bortignon, A. Bracco, F. De Blasio, E. Ormand and R.A. Broglia 501c
Fluctuation analysis of the rotational motion of excited nuclei
T. Døssing, B. Herskind, M. Matsuo, S. Leoni and E. Vigezzi 505c
Positron–electron decay of ^{28}Si at an excitation energy of 50 MeV
A. Buda, J.C. Bacelar, A. Balanda, H. van der Ploeg, Z. Sujkowski and A. van der Woude 509c
Approaches to the momentum distribution of nuclear matter
C. Mahaux and R. Sartor 515c
Proton–neutron interactions in the odd–odd nucleus ^{241}Fr
A.P. Byrne, G.D. Dracoulis, G.J. Lane, B. Fabricius, T. Kibèdi, A.E. Stuchbery, A.M. Baxter and K. Schiffer 519c
Microscopic description of superdeformed bands in $^{109,192,194}Hg$
J. Libert, J.F. Berger, J.P. Delaroche and M. Girod 523c
G-factors of high-spin states in ^{154}Dy
U. Birkental, A.P. Byrne, S. Heppner, H. Hübel, W. Schmitz, P. Fallon, P.D. Forsyth, J.W. Roberts, H. Kluge, E. Lubkiewicz and G. Goldring 527c
Competing proton and neutron alignments in $^{117-120}Xe$
S. Juutinen, S. Törmänen, P. Ahonen, B. Cederwall, B. Fant, A. Johnson, R. Julin, S. Mitarai, J. Mukai, J. Nyberg, M. Piiparinen, A. Virtanen and R. Wyss 531c
Pseudo-spin alignment in rotational structures of doubly odd nuclei and identical bands
A.J. Kreiner 535c
High spin calculations with the Gogny force
J.L. Egido and L.M. Robledo 539c
Radiative proton capture and exchange currents in light nuclei
B. Höistad, S. Isaksson, E. Nilsson, J. Thun, G.S. Adams, C. Landberg, T.B. Bright and S.R. Cotanch 543c
Identification of strong E1 and M1 ground state transitions in deformed rare earth nuclei
H. Friedrichs, S. Lindenstruth, B. Schlitt, C. Wesselborg, I. Bauske, R.D. Heil, U. Kneissl, J. Margraf, H.H. Pitz, D. Häger, G. Müller, M. Schumacher, P. von Brentano, R.D. Herzberg and A. Zilges 553c
Low energy rotational vibrations in deformed nuclei and high energy scissors modes
D. Zawischa and J. Speth 557c
Evidence for alpha-particle chain configurations in ^{24}Mg
A.H. Wuosmaa, B.B. Back, I.G. Bearden, R.R. Betts, M. Freer, J. Gehring, B.G. Glagola, Th. Happ, D.J. Henderson and P. Wilt 563c
Oblate collectivity in $^{197,198}Pb$
A. Kuhnert, T.F. Wang, M.A. Stoyer, J.A. Becker, E.A. Henry, M.J. Brinkman, S.W. Yates, J.E. Draper, M.A. Deleplanque, R.M. Diamond, F.S. Stephens, A.O. Machiavelli, W.H. Kelly, W. Korten, F. Azaiez and J.A. Cizewski 567c

Hadrons and Quarks in Nuclei (Chairpersons: T. Bressani, K. de Jager, J. Arvieux, M. Soyeur, E.J. Moniz)

Pion absorption in nuclei
C.H.Q. Ingram 573c

$\pi^{\pm}$ elastic and inelastic scattering from ^3H and ^3He
W.J. Briscoe, D.B. Barlow, B.L. Berman, R.W. Caress, K.S. Dhuga, S.N. Dragic, S.J. Greene, D. Isenhower, D. Knowles, D. Macek, S.K. Matthews, A. Mokhtari, B.M.K. Nefkens, N.J. Nicholas, C. Pillai, J.W. Price, M.E. Sadler, I. Slaus, I. Supek and M.F. Taragin 585c

Resonance-like behaviour of the pionic double charge exchange at low energies
H. Clement, R. Bilger, B. Broermann, R. Emmrich, K. Föhl, K. Heitlinger, C. Joram, W. Kluge, M. Moll, D. Reule, M. Schepkin, G.J. Wagner, R. Wieser, R. Abela, F. Foroughi and D. Renker 589c

Direct production of pionic atoms from radiative trapping of pions in flight
J. Nieves and E. Oset 595c

Meson exchange K^+–N interaction and K^+–nucleus cross sections
P. Wyborny, K. Holinde, F. Osterfeld and J. Speth 599c

Spin physics with polarized electrons
S. Kowalsky 603c

Nuclear effects in deep inelastic scattering
E. Rondio 615c

First results from MAMI
J. Ahrens 625c

Total photonuclear cross section in the nucleon resonance region
M. Anghinolfi, N. Bianchi, P. Corvisiero, A. Deppman, E. De Sanctis, A. Ebolese, A. Fantoni, G. Gervino, P. Levi Sandri, V. Lucherini, L. Mazzaschi, V. Mokeev, V. Muccifora, E. Polli, A.R. Reolon, G. Ricco, M. Ripani, P. Rossi, M. Sanzone, M. Taiuti and A. Zucchiatti 631c

Heavy meson production in elementary reactions
Y. Le Bornec 635c

Radial excitation of the $P_{11}(1440\ MeV)$ resonance and the compressibility of the nucleon
H.P. Morsch 645c

First results on nuclear physics with antineutrons by the OBELIX spectrometer
A. Adamo, M. Agnello, F. Balestra, G. Belli, G. Bendiscioli, A. Bertin, P. Boccaccio, G.C. Bonazzola, T. Bressani, M. Bruschi, M.P. Bussa, L. Busso, D. Calvo, M. Capponi, C. Cicalò, M. Corradini, S. Costa, I. D'Antone, S. De Castro, F. D'Isep, L. Fava, A. Feliciello, L. Ferrero, V. Filippini, D. Galli, R. Garfagnini, U. Gastaldi, P. Gianotti, A. Grasso, C. Guaraldo, F. Iazzi, A. Lanaro, E. Lodi Rizzini, M. Lombardi, V. Lucherini, A. Maggiora, S. Marcello, U. Marconi, G.V. Margagliotti, G. Maron, A. Masoni, I. Massa, B. Minetti, M. Morando, P. Montagna, F. Nichitiu, D. Panzieri, G. Pauli, M. Piccinini, G. Piragino, M. Poli, G. Puddu, R.A. Ricci, E. Rossetto, A. Rotondi, A.M. Rozhdestvensky, P. Salvini, L. Santi, M.G. Sapozhnikov, N. Semprini Cesari, S. Serci, P. Temnikov, S. Tessaro, F. Tosello, V.I. Tretyak, G.L. Usai, L. Vannucci, G. Vedovato, L. Venturelli, M. Villa, A. Vitale, G. Zavattini, A. Zenoni, A. Zoccoli and G. Zosi 651c

Studies of nucleon–nucleon potentials with pp- and np-bremsstrahlung
M. Jetter, H. Freitag and H.V. von Geramb 655c
Investigation of the NN interaction from polarization transfer experiments in low energy pp scattering
R. Weidmann, J. Albert, M. Clajus, P.M. Egun, A. Glombik, W. Grüebler, P. Hautle, W. Kretschmer, P. Nebert, A. Rauscher, P.A. Schmelzbach and I. Šlaus 661c
Search for double strangeness systems
K. Imai 667c
The Cheshire Cat bag model: Color anomaly and η′ properties
A. Wirzba 675c
Chiral condensates for light dynamical quarks in mesons within lattice QCD
M. Faber, H. Gausterer, H. Markum, M. Müller and M. Schaler 681c
The axial current in the nuclear medium
D.O. Riska and K. Tsushima 685c
Quark antisymmetrization in nuclei
W.F.M. Spit, V. Vento, A.G.M. van Hees, P.J. Brussaard and P.J. Mulders 689c
Proton momentum densities in ^2H and ^3He up to 250 MeV/c from the (e,e′ p) reaction with L/T/TL separation
L. Lakehal-Ayat, M. Bernheim, M.K. Brussel, G.P. Capitani, J.F. Danel, E. De Sanctis, J.E. Ducret, S. Frullani, F. Garibaldi, F. Ghio, M. Iodice, J.M. Le Goff, A. Magnon, C. Marchand, J. Morgenstern and P. Vernin 693c
Test of bound nucleon form factors through (e,e′ p) cross-section measurements on ^2H, ^3He and ^4He up to 0.9 GeV/c momentum transfer with L/T/TL separation
J.E. Ducret, M. Bernheim, M.K. Brussel, G.P. Capitani, J.F. Danel, E. De Sanctis, S. Frullani, F. Garibaldi, A. Gérard, F. Ghio, M. Iodice, H.E. Jackson, L. Lakehal-Ayat, J.M. Le Goff, A. Magnon, C. Marchand, Z.E. Meziani, J. Morgenstern, P. Vernin and A. Zghiche 697c
High momentum transfer $R_{T,L}$ response functions for $^{3,4}He$
Z.-E. Meziani, J.P. Chen, D. Beck, G. Boyd, L.M. Chinitz, D.B. Day, L.C. Dennis, G.E. Dodge, B.W. Fillipone, K.L. Giovanetti, J. Jourdan, K.W. Kemper, T. Koh, W. Lorenzon, J.S. McCarthy, R.D. McKeown, R.G. Milner, R.C. Minehart, J. Morgenstern, J. Mougey, D.H. Potterveld, O.A. Rondon-Aramayo, R.M. Sealock, I. Sick, L.C. Smith, S.T. Thornton, R.C. Walker and C. Woodward 701c
Vector meson masses in the nuclear medium
G.E. Brown, M. Rho and M. Soyeur 705c
The reactions $^{12}C(e,e′ pp)$ and $^{12}C(e,e′ p)$ in the dip region
L.J.H.M. Kester, Th.S. Bauer, J.R. Calarco, P.C. Countryman, W.H.A. Hesselink, F.W. Hersman, E. Jans, N. Kalantar-Nayestanaki, M.W. Kelder, W. Kim, J. Konijn, M. Kruijer, J.M. Mitchell, Z. Papandreou, A. Pellegrino, J.J.M. Steijger, J.L. Visschers and A. Zondervan 709c

Measurements of the nucleon form factors at large momentum transfers
L. Andivahis, P. Bosted, A. Lung, L. Stuart, J. Alster, R. Arnold, C. Chang, F. Dietrich, W. Dodge, R. Gearhart, J. Gomez, K. Griffioen, R. Hicks, C. Hyde-Wright, C. Keppel, S. Kuhn, J. Lichtenstadt, R. Miskimen, G. Peterson, G. Petratos, S. Rock, S. Rokni, W. Sakumoto, M. Spengos, K. Swartz, Z. Szalata and L. Tao 713c

Nuclear Reaction Dynamics (Chairpersons: S. Harar, S.M. Austin, Yu.Ts. Oganessian, R. Stock)
Angular momentum and excitation function in near barrier heavy ion fusion reactions
C.V.K. Baba 719c
Rainbow scattering of radioactive nuclei and the isospin dependence of the nucleus–nucleus potential
A.S. Demyanova, H.G. Bohlen, B. Gebauer, S.A. Goncharov, A.A. Korsheninnikov, Ch. Langner, M. von Lucke-Petsch, W. von Oertzen, A.A. Oglobin, O.Ya. Osadchy, A.N. Ostrowski, M. Wilpert and Th. Wilpert 727c
Transfer reactions below the Coulomb barrier
D.R. Napoli, H. Moreno Gonzalez, G. Pollarolo, A.M. Stefanini, S. Beghini, B. Million, G. Montagnoli, M. Narayanasamy, G. Prete, A. Rapisarda, F. Scarlassara, G.F. Segato, C. Signorini, F. Soramel, P. Spolaore and C.-L. Zi 731c
Production of $Z \geqslant 82$ heavy ion fusion evaporation residues (ER) and fissility of heavy nuclei
G.M. Ter-Akopian, A.N. Andreyev, D.D. Bogdanov, V.I. Chepigin, A.P. Kabachenko, O.N. Malyshev, Yu.A. Muzychka, G.S. Popeko, B.I. Pustylnik, Š. Šáro, R.N. Sagaidak, M. Veselský and A.V. Yeremin 735c
Flow and cluster production in central and semicentral Au+Au collisions
N. Herrmann 739c
Multifragment emission in $^{36}Ar+^{197}Au$ and $^{129}Xe+^{197}Au$ collisions
W. Bauer, D.R. Bowman, N. Carlin, N. Colonna, R.T. de Souza, C.K. Gelbke, W.G. Gong, K. Hanold, Y.D. Kim, M.A. Lisa, W.G. Lynch, M.A. McMahan, L.G. Moretto, G.F. Peaslee, L. Phair, M.B. Tsang, C. Williams, G.J. Wozniak and F. Zhu 749c
Production of neutron rich nuclei by fragmentation of 760 A·MeV ^{136}Xe
J. Friese, H.-J. Körner, J. Reinhold, R. Schneider, H. Trieb, K. Zeitelhack, B. Blank, T. Brohm, Y. Fujita, H. Geissel, W. König, G. Münzenberg, F. Nickel, M. Pfützner, K. Rykaczewski, I. Schall, D. Schardt, A. Schröter, M. Steiner, K. Sümmerer, B. Voss and J. Weckenmann 753c
Kaon production in heavy ion collisions and the nuclear equation of state
W. Ahner, P. Baltes, R. Barth, P. Beckerle, Ch. Bormann, D. Brill, M. Cieślak, E. Grosse, W. Henning, P. Koczoń, B. Kohlmeyer, D. Miśkowiec, Ch. Müntz, H. Oeschler, H. Pöppl, F. Pühlhofer, S. Sartorius, R. Schicker, E. Schwab, P. Senger, Y. Shin, J. Speer, J. Stein, R. Stock, H. Ströbele, Ch. Sturm, K. Völkel, A. Wagner and W. Waluś 757c

Relativistic transport theory
R. Malfliet 763c
Enhancement of subthreshold antiproton production in deuteron induced reactions
J. Chiba, D. Ashery, H. Ito, K. Kimura, Yu.T. Kiselev, S. Koda, K. Miyano, T. Murakami, T. Nagae, Y. Nakai, M. Nomachi, S. Sawada, M. Sekimoto, T. Suzuki, K.H. Tanaka, M.K. Vlasov and Y. Yoshimura 771c
Subthreshold antiproton production in heavy ion collisions at SIS-energies
A. Schröter, E. Berdermann, H. Geissel, A. Gillitzer, J. Homolka, P. Kienle, W. Koenig, B. Povh, F. Schumacher and H. Ströher 775c
Probing the nuclear matter equation of state with neutrons from nucleus–nucleus collisions
R. Madey, M. Elaasar, W.M. Zhang, J. Schambach, D. Keane, B.D. Anderson, A.R. Baldwin, J.W. Watson, G. Krebs, H. Weiman, G.D. Westfall, C. Gale and K. Haglin 779c
Rapidity and transverse momentum distributions of protons in central Si–nucleus collisions
N. Xu (E-814 Collaboration) 785c
Charm production in hadronic collisions
R. Vogt 791c
First results with the Au-beam at the AGS
M. Gonin (E-802/E-866 Collaboration) 799c
K^+K^+ correlations at 14.6 A·GeV/c
V. Ciancolo and O. Vossnack (E-802 Collaboration) 813c
Strange particle production in $^{32}S+Pb$ and $p+Pb$ collisions at 200 GeV/c per nucleon
E. Andersen, P.D. Barnes, R. Blaes, M. Cherney, B. de la Cruz, G.E. Diebold, B. Dulny, C. Fernández, G. Franklin, C. Garabatos, J.A. Garzón, W.M. Geist, D.E. Greiner, C.R. Gruhn, M. Hafidouni, J. Hrubec, P.G. Jones, E.G. Judd, J.P.M. Kuipers, M. Ladrem, P. Ladrón de Guevara, G. Løvhøiden, J. MacNaughton, J. Mosquera, Z. Natkaniec, J.M. Nelson, G. Neuhofer, W.C. Ogle, C. Perez de los Heros, M. Pló, P. Porth, B. Powell, B. Quinn, A. Ramil, H. Rohringer, I. Sakrejda, T.F. Thorsteinsen, J. Traxler, C. Voltolini, K. Wozniak, A. Yañez, Y. Yee and R. Zybert 817c

Fundamental Interactions and Symmetries (Chairperson: H.C. Walter)
Parity violation in p-p scattering
J. Birchall, A.R. Berdoz, J.D. Bowman, J.R. Campbell, C.A. Davis, N.E. Davison, P.W. Green, A. Hamian, D.C. Healey, R. Helmer, E. Korkmaz, P. Levy, R.E. Mischke, S.A. Page, W.D. Ramsay, G. Roy, P.W. Schmor, J. Soukup, G.M. Stinson, T.J. Stocki, N.A. Titov, W.T.H. van Oers and A.N. Zelenskii 823c

Bounds on right-handed currents from a relative β-polarization measurement with polarized ^{107}In
N. Severijns, M. Allet, J. Camps, P. De Moor, J. Deutsch, F. Gimeno-Nogues, B.R. Holstein, B.H. King, O. Naviliat-Cuncic, I. Pepe, R. Prieels, P.A. Quin, P. Schuurmans, R. Siebelink, W. Vanderpoorten, J. Vanhaverbeke, L. Vanneste and J. Wouters 827c

Results from KARMEN neutrino experiment
B. Bodmann, N.E. Booth, F. Burtak, A.C. Dodd, G. Drexlin, V. Eberhard, K. Eitel, J.A. Edgington, E. Finckh, H. Gemmeke, G. Giorginis, A. Glombik, W. Grandegger, T. Hanika, J. Hössl, M. Kleifges, J. Kleinfeller, W. Kretschmer, A. Malik, R. Maschuw, R. Meyer, P. Plischke, J. Rapp, F. Raupp, F. Schilling, B. Seligmann, J. Wochele, J. Wolf, S. Wölfle and B. Zeitnitz 831c

Experimental Techniques and Accelerators (Chairperson: R. Siemssen)

Production and use of post-accelerated radioactive nuclear beams
P. Van Duppen, P. Decrock, Th. Delbar, P. Duhamel, M. Gaelens, W. Galster, M. Huyse, P. Leleux, I. Licot, P. Lipnik, E. Liénard, M. Loiselet, C. Michotte, G. Ryckewaert, G. Vancraeynest, J. Vanhorenbeeck and J. Vervier 837c

The S-DALINAC facility – Operational experience from the accelerator and the experimental installations
J. Auerhammer, H. Genz, H.-D. Gräf, R. Hahn, P. Hoffmann-Stascheck, C. Lüttge, U. Nething, K. Rühl, A. Richter, T. Rietdorf, P. Schardt, E. Spamer, F. Thomas, O. Titze, J. Töpper and H. Weise 841c

The Amsterdam pulse stretcher and storage rings AmPS–A C.W., (800–900) MeV, high luminosity electron beams facility
P.K.A. de Witt-Huberts 845c

Hypernuclei production with stopped K^- at DAΦNE
M. Agnello, G.C. Bonazzola, E. Botta, T. Bressani, D. Calvo, P. Camerini, S. Costa, F. D'Isep, A. Donzella, A. Feliciello, A. Filippi, P. Gianotti, N. Grion, C. Guaraldo, F. Iazzi, A. Lanaro, E. Lodi Rizzini, V. Lucherini, S. Marcello, B. Minetti, V. Paticchio, E. Rossetto, R. Rui, A. Sharma, S. Tessaro, L. Venturelli and A. Zenoni 851c

The CERES spectrometer
I. Tserruya (CERES Collaboration) 857c

First operational experience with the positive-ion injector of ATLAS
L.M. Bollinger, R.C. Pardo, K.W. Shepard, P.J. Billquist, J.M. Bogaty, B.E. Clifft, R. Harkewicz, K. Joh, P.K. Markovich, F.H. Munson, G. Zinkann and J.A. Nolen 859c

List of Participants 865c

Author Index 881c